



The 3rd APEC Coal TILF Workshop

**Vietnam: Facilitating Development in the
Coal & Power Sectors**

**Hanoi, Vietnam : Tuesday 7 to Thursday 9 November 2000
Hilton Hanoi Opera Hotel**

Tuesday 7th:

SESSION 1: OPENING

Chair: *Dr Sun W Chun*

Chair, APEC Expert Group on Clean Fossil Energy

9.00 OPENING REMARKS FROM THE CHAIR

❖ ***Dr Sun W Chun***
Chair, APEC EGCFC

9.10 WELCOME ADDRESS

❖ ***HE Hoang Trung Hai***
Vice Minister of Industry, Vietnam

**9.30 KEYNOTE ADDRESS 1: THE COAL-POWER SUPPLY CHAIN: REGIONAL
DEVELOPMENT AND INVESTMENT ISSUES**

❖ ***Dr Guillermo Balce***, Executive Director
ASEAN Centre for Energy Jakarta, Indonesia

**9.55 KEYNOTE ADDRESS 2: THE VIETNAM PERSPECTIVE: COAL-POWER
SUPPLY CHAIN: ISSUES AND CHALLENGES**

❖ ***Dr Tran Minh Huan***
*Director General, International Cooperation Department
Ministry of Industry, Vietnam*

10.20 Questions

10.30 Morning tea break



**SESSION 2: ISSUES IN VIETNAM'S EXISTING COAL MINING INDUSTRY –
DEVELOPING THE SURFACE MINING COAL SECTOR**

Chair: Dr Phung Manh Dac

Director, Institute of Mining Science and Technology, Vinacoal, Vietnam

Aim: To explore the problems associated with domestic coal production
including productivity issues in existing surface mining coal sector

**11.00 POLLUTION CONTROL AND MINE SITE REHABILITATION IN
SURFACE COAL MINING**

Dust suppression

Water treatment

Land rehabilitation

❖ ***Dr Graham Taylor***

Coordinator Mining Environmental Research

CSIRO Environmental Projects Office, Australia

11.25 MANAGING COAL WASHERY WASTE AND EFFLUENT: A CASE STUDY

Control

Disposal

Environmental benefits of washed coal

❖ ***Mr Hajime Endo***

General Manager of Engineering Department

Japan Coal Energy Center (JCOAL)

11.50 COAL MINING SAFETY

Work practices

Mining technology

Methane: safety issues

❖ ***Mr Eric Garner, AM***

Consultant - International Operations

Geo-Eng Australia Pty Ltd; and

Project Director, India Mine Safety Training Project

Australian Mine Safety Training Company Pty Ltd (AIMSTC)

12.15 Questions

12.30 *Lunch break*



SESSION 3: CLEAN COAL DEVELOPMENT

*Chairs: Dr Luo Weihong, Director, Research & Development Centre for Clean Coal Technology, Zhejiang Province, PR China; and
Dr John Sligar, Managing Director, John Sligar & Associates Pty Ltd*

Aim: To address the image and community perceptions of coal use and the associated pollution issues in existing mine operations

2.00 MANAGING THE ENVIRONMENTAL IMPACTS OF COAL: AN OVERVIEW

❖ **Mr Ron Knapp**

Chief Executive
World Coal Institute, UK

2.30 SUMMARY OF OUTCOME FROM APEC SEMINAR “THE CLEAN AND EFFICIENT USE OF FOSSIL ENERGY FOR POWER GENERATION IN THAILAND”

❖ **Dr Sun Chun**

Chair
APEC Expert Group of Clean Fossil Energy

2.50 ISSUES FACING VIETNAM’S COAL INDUSTRY: DISCUSSION

❖ **Dr Charles Johnson**

Coordinator, Environmental Studies
East-West Center, Honolulu, USA

3.15 Questions

3.30 *Afternoon tea break*

SESSION 4: FACILITATING DEVELOPMENT IN VIETNAM’S EXISTING COAL INDUSTRY

Chair: Mr Nguyen Manh Quan

Director, Industrial and Mining Construction Consulting Company, Vietnam

Aim: To identify opportunities for Vietnam to gain additional advantage from existing mining operations

4.00 DEVELOPING THE COAL MINE GAS RESOURCE

Methane use for mine site power requirements
Methane for electricity generation for grid connection

❖ **Mr Raymond C Pilcher**

President
Raven Ridge Resources, Incorporated, USA



4.25 POLICY MODELLING FOR COAL DEVELOPMENT IN VIETNAM

❖ *Dr Deepak Sharma*

Director, Energy Policy & Planning Program

Faculty of Engineering

University of Technology Sydney, Australia

4.50 Questions

5.00 Close of day one

**7 pm : Reception hosted by Ministry of Industry, Vietnam
Sofitel Metropole Hanoi Hotel**



Wednesday 8th:

SESSION 5: FACILITATING PROFITABLE ENERGY DEVELOPMENT

Chair: Mrs Margaret Beardow, Principal, Benchmark Economics

Aim: To examine commercial issues related to profitable investment in developing energy markets

9.00 MARKET ANALYSIS AND ENVIRONMENTAL EFFECT OF CLEAN COAL TECHNOLOGY

❖ *Dr Luo Weihong*, Director

Research & Development Center for Clean Coal Technology
Zhejiang Province, PR China

9.25 UNDERSTANDING THE POLICY ENVIRONMENT FOR INVESTORS

Framework for foreign investment

Contract conditions

❖ *Mr Dinh Van An*

Director General, Legislation and Investment Promotion Department
Ministry of Planning and Investment, Vietnam

9.50 FINANCE: WHAT ARE THE POTENTIAL SOURCES OF INVESTMENT FINANCE FOR ENERGY DEVELOPMENT IN APEC MARKETS?

❖ *Dr John Saunders*, Chairman

Vietnam-Australia Business Council, Australia

10.15 Questions

10.30 Morning tea break

SESSION 6: FACILITATING FUTURE DEVELOPMENT OF VIETNAM'S COAL RESOURCE

Chair: Mr Raymond C Pilcher, President, Raven Ridge Resources, Incorporated, USA

Aim: To examine technical and commercial issues related to the efficient development of Vietnam's coal resources

11.00 DEEP UNDERGROUND MINING: APPROPRIATE TECHNOLOGIES FOR VIETNAM

❖ *Mr Akira Shimizu*

Director, International Division
Taiheiyo Coal Mining Co., Ltd, Japan



11.25 DEVELOPING THE COAL MINING SECTOR: THE INDONESIAN EXPERIENCE

Mining laws and regulations

Illegal mining

Regional autonomy

❖ **Dr Boni Siahaan**

Head of Utilisation Subdirector

Directorate of Coal, Indonesia

11.50 DEVELOPING THE ANTHRACITE RESOURCE: ELECTRICITY GENERATION OPTIONS

❖ **Dr John Sligar**

Director

Sligar & Associates Pty Ltd, Australia

12.15 Questions

12.30 *Lunch break*

SESSION 7: ELECTRICITY FOR ECONOMIC DEVELOPMENT

*Chairs: Mr Keiichi Yokobori, President, Asia Pacific Energy Research Center
and Representative, Electricity of Vietnam*

Aim: To explore pollution problems associated with coal-fired electricity generation, and the financial benefits of upgrading of inefficient generation technology. To examine the implications for Vietnam of the lessons emerging from the development of competitive electricity markets in the OECD economies

2.00 ELECTRICITY GENERATION: POLLUTION CONTROL

Airborne and particulate emissions

Desulphurisation

Effluent control

❖ **Mr Yoshiteru Nishie**, Manager/Registered Consulting Engineer

International Power Development Office

Electric Power Development Co., Ltd (EPDC), Japan

2.25 GENERATION PLANT REFURBISHMENT: IMPROVED ECONOMIC & ENVIRONMENTAL PERFORMANCE: A CASE STUDY: BANSHAN POWER STATION CHINA IMPROVEMENT STUDY

❖ **Mr John Karas**, Manager, Coal Industries Section

Department of Industry, Science and Resources, Australia

*(Paper co-authored by Andrew Tam, Regional Manager, East Asia
Pacific Power International, Australia)*



2.50 ELECTRICITY FOR ECONOMIC DEVELOPMENT: LESSONS FROM THE COMPETITIVE ELECTRICITY MARKETS

Implications for coal/power sector

Generation utilisation

Generation/transmission trade-off

Role of time-of-use tariffs

❖ *Mrs Margaret Beardow*

Principal

Benchmark Economics, Australia

3.15 Questions

3.30 Afternoon tea break

SESSION 8: ELECTRICITY FOR DEVELOPMENT - LOOKING AHEAD

4.00 SUMMARY AND CLOSING COMMENTS

❖ *Dr Charles Johnson*

Coordinator, Environmental Studies

East-West Center, Honolulu, USA

5.00 Closing address



Thursday 9th:

TECHNICAL TOUR HOSTED BY VINACOAL

**Visit to Coc Sau open-cast coal mine and
Cua Ong coal terminal in Quang Ninh province**

- 7.30 Depart Hanoi Opera Hotel**
- 11.30 Arrive in Cam Pha for lunch**
- 1.30 Visit Coc Sau open cast coal mine**
- 2.30 Visit Cua Ong coal terminal**
- 3.00 Return to Hanoi**
- 7.00 Arrive at Hanoi Opera Hotel**